

Philadelphia, 16th March 1822

Sir,

In reply to complaints that our Sweep has not been well mixed, I respectfully offer you a description of the manner in which the mixture has, in every single barrel, been effected. 1. The miliquid mixture of ground sweep and water, is transferred to shallow iron pan and evaporated to dryness, so that the dried sweep is already mixed. 2. The dried sweep is transferred to a large box, holding more than a barrel, whereby it is again mixed. 3. It is then sifted through a N^o 2 sieve into another box. 4. It is sifted back into the first box through a N^o 4 sieve. 5. Being dug out & transferred into a barrel it is again mixed. I suppose every one will admit that a more perfect mixture cannot be effected than by the 5 handlings and siftings above. Each part of a barrel must be identical in composition.

Assays are made of each lot of 10 barrels of sweep.
6. A runney lindor's auger is forced through the compressed
charge of each barrel in two places and different direc-
tions, equivalent to another mixing. ⁷⁻¹⁶ These 2 samples
of each ^{of the 10} barrels are then mixed together ten times, so
that the 20 samples are rendered absolutely perfect in
mixture, by the 10 siftings through a N^o 90 sieve.

There is nowhere in the world and cannot be
a more perfect mixture of sweep, than we obtain by
the above 16 mixings, 12 of which are effected by
sifting.

Respectfully yours
J. C. Booth

Hon. A. Loudon Snowden
Superintendent